

### SONNENSCHEIN, NATH & ROSENTHAL

8000 Sears Tower 233 S. Wacker Drive Chicago, IL 60606 312/876-0200

APPLICANTS:

Akira Mizumura

DOCKET NO .:

COMOLOGY CANER SOO

SERIAL NO .:

09/907,373

GROUP ART UNIT:

2823

DATE FILED:

July 17, 2001

**EXAMINER:** 

Khiem Nguyen

INVENTION:

"METHOD OF PRODUCING A SEMICONDUCTOR DEVICE"

### **AMENDMENT AND COMMUNICATION**

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

SIR:

Transmitted herewith is an amendment in the above-identified application.

Additional claim fee is required.

The fee has been calculated as shown below.

(5)		
PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
-0-	() X 9.00 () X 18.00	0.00
-0-	() X 39.00 () X 80.00	0.00
() YES (X) NO	()\$135.00 ()\$270.00 ONE TIME	
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Applicants petition	the Commissioner	for Patents to	extend this time is	or response to the	Office A ction
dated	for mont	h so that the per	riod for response is	extended to	
_The Commissioner i	s hereby authorize	d to charge the	amount of \$	to Attorney fir	rm's American
Express account no.	to cover the extens	ion of time fee.	Form 2038 is encl	osed.	

A check in the amount of \$\_\_ is attached to cover the additional claim fee.

SONNENSCHEIN NATH & ROSENTHAL

Christopher P. Rauch (Reg. No. 45,034) DATE: July 31, 2003

# CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited as first class mail in an envelope addressed to Commissioner for Patents, Box 1450, Alexandria, VA 22313-1450 on <u>July 31, 2003</u>.

X The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 19-3140. A duplicate of this sheet is enclosed. When phoning re this application, please call 312/876-8000 - Ext. 2606.



# PATENT PROPERTY OF THE PROPERT

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Akira Mizumura

Application No: 09/907,373

Filing Date:

July 17, 2001

For: METHOD OF PRODUCING A

SEMICONDUCTOR DEVICE

Case No.: 09792909-5096

Group Art Unit: 2823

Examiner: Khiem Nguyen

Mail Stop: Non-Fee Amendment

Commissioner for Patents

Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith is an Amendment of Mizumura for the above identified patent application entitled: METHOD OF PRODUCING A SEMICONDUCTOR DEVICE.

Enclosed are:

Amendment "C"

Amendment Cover Letter

Transmittal Letter Certificate of Mailing

Postcard

Respectfully submitted,

Certificate of Mailing (37 CFR 1.8(a))

I hereby certify that this paper (along with any paper referred to as being attached

or enclosed) is being deposited with the United States Postal Service on the date

shown below with sufficient postage as first class mail in an envelope addressed

Box 1450, Alexandria, VA 22313

Date of Deposit: July 31, 2003

Commissioner for Patents, P.O.

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Wacker Drive Station Sears Tower

Chicago, Illinois 60606-1080

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Christopher P. Rauch Registration No. 45,034



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE CIVED

# **AMENDMENT "C"**

AUG -6 2003

APPLICANT(S):

Akira Mizumura

ATTY DOCKET NO SHOOT 92909-3096

SERIAL NO.:

09/907,373

GROUP ART UNIT: 2

2823

DATE FILED:

July 17, 2001

**EXAMINER:** 

Khiem Nguyen

**INVENTION:** 

"METHOD OF PRODUCING A SEMICONDUCTOR DEVICE"

Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 S I R:

This Amendment "C" is filed in response to the Office Action of June 16, 2003. Please reconsider the application in view of the amendment and remarks presented below.

# IN THE CLAIMS

Please amend claim 1 as follows:

1. (Three Times Amended) A method of producing a semiconductor device, the method comprising the steps of:

dry etching an upper layer pattern formed on an insulating film such that at least a part of the insulating film, which is formed above an element separation and a substrate, is exposed; and after the dry etching, exposing a surface of the insulating film to a <u>same</u> film formation atmosphere <u>as used to form</u> [of] the insulating film prior to forming additional layers upon the insulating film.

# REMARKS

Claims 1-2 are pending in the application. In the Office Action of June 16, 2003, the Examiner rejected claims 1-2 under 35 U.S.C. §102(e) as being anticipated by *Miyasaka*. Applicant respectfully traverses the rejection and addresses the Examiner's disposition below.

Applicant's independent claim 1 has been amended to clarify a surface of the insulating film is exposed to a same film formation atmosphere as used to form the insulating film. Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".